



NITFS Compliance Registration



Product:GV™ 3.0, Build 945

Sponsor:Air Force Research Laboratory

Developer:PAR Government Systems Corporation

Date: 30 July 2007

Expiration: 29 July 2009

Registration #: 2060

- ☐ Initial Registration
☒ Supplemental/Update #46
☐ Derived from Reg. #

System

N-0105/98, §4.1.1



Product

N-0105/98, §4.1.2



Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

- NITF**
☒ V2.1
☐ V2.0
☐ V1.1
NSIF
☒ V1.0

Pixel Value Types

- ☒ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Type

- ☐ Bit Mapped **
☐ CGM, 2301
☒ CGM, 2301A
☐ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☐ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLY
☐ POLAR

Image Compression

- ☐ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization

Data Extension Segments

- ☐ TRE OVERFLOW
☐ STREAMING FILE HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ ASDE
☒ CSDE
☒ DIGEST GeoSDE
☐ DPPDB
☒ NSDE
☒ PIAE
☐ RPF


Legend

- Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.


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Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program